

Report NO: 15P0A0004_I

BOXER-6301VS

Power Electronics Test Report

Summary	<input checked="" type="checkbox"/> Pass			
	<input type="checkbox"/> Fail			
<input type="checkbox"/> Pass with Deviation				
Comment: _____				
Test Result Summary				
	Critical	Major	Minor	Enhancement
Defect Found	0	0	0	0
Defect Unsolved	0	0	0	0

Issue date

03/30/2015

Approval

KJ Wang

Test Engineer

Sean Hsu

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1. Project

BOXER-6301VS , BIOS REV.R.0.1(B301AM01) 10/22/2014

2. Power Manufacturer

FSP

3. Team Member

PM : Ray Chang ; H/W : Peter Yao

4. Test Equipment

- 4.1. CPU Board : AAEON , GENE-QM87 REV.A1.0
- 4.2. POWER BOARD : AAEON , PER-P20D REV.A0.2
- 4.3. POE BOARD : AAEON , PER-T263 REV.A1.0
- 4.4. CPU : INTEL , I5-4402E , 1.6GHz
- 4.5. HDD : TOSHIBA , MK1060GSC , 100GB
- 4.6. Memory : DSL , DDR3-1600 4GB
- 4.7. LCD Monitor : CHIMEI , Model : 22SH-L
- 4.8. USB Mouse : Logitech , Model : M-BT85
- 4.9. USB Keyboard : Logitech , Model : Y-BL49
- 4.10. POE Power Load:15.4W*4

5. Test Result

5.1. Power Consumption Test with DC Input Power	No Run Prime95	I/P:24VDC 1.04A 24.96W
	Run Prime95	I/P:24VDC 1.24A 29.76W
	Run Prime95+ POE*4 (15.4W)	I/P:24VDC 4.37A 104.88W